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**REPLY UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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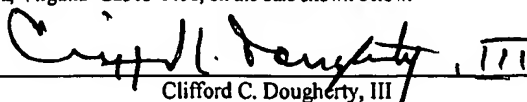
Applicants:	Ronald E. Sweatman et al.)	
Serial No.:	10/082,459)	Group Art Unit: 3672
Filed:	February 25, 2002)	Examiner: Thomas S. Bomar
For:	METHODS OF DISCOVERING AND CORRECTING SUBTERRANEAN FORMATION INTEGRITY PROBLEMS DURING DRILLING)	Date: January 10, 2005

Mail Stop AF
Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

RESPONSE TO FINAL OFFICE ACTION

In response to the Office Action mailed on October 8, 2004, please amend the above-identified application as follows:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date shown below.


Clifford C. Dougherty, III

January 10, 2005
Date of Signature